



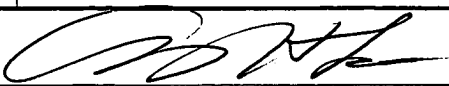


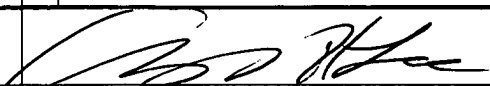
Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) KVC-02203 (04607-2203)		Application Number 09/930,738			
Applicant Richard B. Dyott		Filing Date August 15, 2001		Group Art Unit 1626			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>sh</i> 	AK	4,571,650	2/18/86	Ojima et al.			
	AL	4,630,229	12/16/86	D'Hondi			
	AM	4,630,890	12/23/86	Ashkin et al.			
	AN	4,637,722	1/20/87	Kim			
	AO	4,668,264	05/26/87	Dyott			
	AP	4,669,814	06/02/87	Dyott			
	AQ	4,697,876	10/06/87	Dyott			
	AR	4,712,866	12/15/87	Dyott			
	AS	4,740,085	04/26/88	Lim			
	AT	4,755,021	07/05/88	Dyott			
	AU	4,756,589	01/15/86	Bricheno et al.			
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>sh</i> 	AV	<del>DE 33 05 104 A1</del>	16 Aug 84	German			X
	AW	<del>DE 36 15 305 A1</del>	12 Nov. 87	German			X
	AX	DE 37 42 201 A1	22 June 89	Germany	X		
	AY	EP 0 551 874 A2	21 Jul 93	EPO	X		X
	AZ	EP 0 586 242 A1	9 Mar. 94	EPO	X		
	BA	JP 07209398	11 Aug 95	Japan			English Abstract
OTHER DOCUMENTS <span style="float: right;">(Including Author, Title, Date, Pertinent Pages Etc.)</span>							
<i>sh</i> 	BB	Alekseev et al; "Fiber Optic Gyroscope With Suppression of Excess Noise From the Radiation Source ", Technical Physical Letters , 24(9): 719-721, (September 1998)					
	BC	Blake et al., "In-Line Sagnac Interferometer Current Sensor," <i>IEEE</i> , pp. 116-121 (1995).					
	BD	Blake and Szafraniec, "Random Noise in PM and Depolarized Fiber Gyros", OSA Symposium Proceedings, 1997, OWB2, pp. 122-125.					
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all	BE	4,765,739	08/23/88	Koizumi et al.			
	BF	4,776,700	10/11/88	Frigo			
	BG	4,796,993	01/10/89	Sonobe et al.			
	BH	4,815,817	03/28/89	Levinson			
	BI	4,842,409	06/27/89	Arditty et al.			
	BJ	4,848,910	07/18/89	Dupraz			
	BK	4,883,358	11/28/89	Okada			
	BL	4,887,900	12/19/89	Hall			
	BM	5,033,854	07/23/91	Matthews et al.			
	BN	5,048,962	09/17/91	Kurokawa et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
all	BO	EP 0 686 867 A1	13 Dec 95	European Patent Application			X
	BP	EP 0 722 081 A2	17 July 96	European Patent Application			
	BQ	<del>EP 856 737 A1</del>	<del>5 Aug. 98</del>	<del>EPO</del>			
	BR	EP 0 871 009 A1	14 Oct. 98	EPO			
	BS	EP 0 872 756 A1	21 Oct. 98	European Patent Application			
	BT	WO00/36425	22 June 00	PCT			
<b>OTHER DOCUMENTS</b>						(Including Author, Title, Date, Pertinent Pages Etc.)	
all	BU	Bohnert. et al., "Field Test of Interferometric Optical Fiber High-Voltage and Current Sensors" <i>SPIE</i> , Vol. 2360 pp. 16-19 (Feb. 1994).					
	BV	Bohnert. et al., "Temperature and Vibration Insensitive Fiber-Optic Current Sensor" <i>ABB</i> , Vol. 2360 pp 336-339 (Feb. 1994).					
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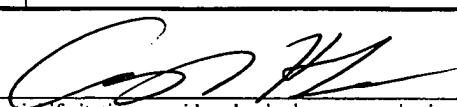
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
all	BW	5,074,665	12/24/91	Huang et al.		
	BX	5,080,489	01/14/92	Nishikawa et al.		
	BY	5,106,193	04/21/92	Fesler et al.		
	BZ	5,133,600	07/28/92	Schröder		
	CA	5,135,555	08/04/92	Coyle, Jr. et al.		
	CB	5,289,257	02/22/94	Kurokawa et al.		
	CC	5,289,258	02/22/94	Szafraniec, et al.		
	CD	5,331,404	07/19/94	Moeller et al.		
	CE	5,351,123	09/27/94	Spahlinger		
	CF	5,359,413	10/25/94	Chang et al.		
	CG	5,365,338	11/15/94	Bramson		
	CH	5,412,471	05/02/95	Tada et al.		
	CI	5,459,575	10/17/95	Malvern		
	CJ	5,469,257	11/21/95	Blake et al.		
	CK	5,469,267	11/21/95	Wang		
	CL	5,471,301	11/28/95	Kumagai et al.		
CM	5,493,396	02/20/96	Sewell			
CN	5,500,909	03/19/96	Meier			
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>						
all	CO	Burns, et al., "Excess Noise in Fiber Gyroscope Sources", IEEE Photonics Technology Letter, Vol 2, No. 8, August 1990, pp. 606-608.				
	CP	Clark et al., "Application of a PLL and ALL Noise Reduction Process in Optical Sensing System," IEEE Transactions on Industrial Electronics, Vol. 44, No. 1, February 1997, pp. 136-138				
	CQ	Dagenais et al., "Low-Frequency Intensity Noise Reduction for Fiber-Optic Sensor Applications," Optical Fiber Sensors Conference, 1992, January 29-31, pp. 177-180				
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<b>U.S. PATENT DOCUMENTS</b>					
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ah	CR	5,504,684	04/02/96	Lau et al.	
	CS	5,552,887	09/03/96	Dyott	
	CT	5,559,908	09/24/96	August, et al.	
	CU	5,654,906	08/05/97	Youngquist	
	CV	5,655,035	08/05/97	Burmenko	
	CW	5,682,241	10/28/97	Mark et al.	
	CX	5,701,177	12/23/97	Kumagai et al.	
	CY	5,767,509	06/16/98	Cardova et al.	
	CZ	5,781,675	07/14/98	Tseng et al.	
	DA	5,854,864	12/29/98	Knoesen et al.	
	DB	5,898,496	04/27/99	Huang et al.	
	DC	5,946,097	08/31/99	Sanders et al.	
	DD	5,987,195	11/16/99	Blake	
	DE	6,025,915	02/15/00	Michal, et al.	
	DF	6,047,095	04/04/00	Knoesen et al.	
	DG	6,075,915	6/13/00	Koops et al.	
	DH	6,148,131	11/14/00	Geertman	
	DI	6,163,632	12/19/00	Rickman et al.	
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>					
ah	DJ	Dupraz, J.P., "Fiber-Optic Interferometers for Current Measurement: Principles and Technology", Alsthom Review No. 9: 29-44 (December 1987).			
ah	DK	Frosio, G. and Dändliker, "Reciprocal Reflection Interferometer for a Fiber-Optic Faraday Current Sensor", Applied Optics 33 (25): 6111-6122 (September 1, 1994).			
ah	DL	Gronau Yuval et al.; "Digital Signal Processing For An Open-Loop Fiber-Optic Gyroscope", Applied Optics, Optical Society of America, Washington, U.S., vol. 34, no. 25, 1 September 1995, pgs. 5849-5853			
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OK	DM	6,185,033	02/06/01	Bosc et al.			
	DN	6,208,775	03/27/01	Dyott			
	DO	6,351,310	02/26/02	Emge et al.			
	DP	6,370,289	04/09/02	Bennett			
	DQ	6,389,185	01/08/01	Meise et al.			
	DR	6,396,965	11/22/00	Anderson			
<b>OTHER DOCUMENTS</b>							
<i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>							
OK	DS	Killian M. Kevin; "Pointing Grade Fiber Optic Gyroscope", IEEE AES Systems Magazine, pp. 6-10 (July 1994)					
	DT	LaViolette and Bossler; "Phase Modulation Control for An Interferometric Fiber Optic Gyroscope", IEEE Plan 90, Position Location and Navigation Symposium, Las Vegas, (March 20-23, 1990)					
	DU	Lefevre, "The Fiber-Optic Gyroscope", Artech House, Boston, pp. 29-30 (1993)					
	DV	McCallion and Shimazu; "Side-Polished Fiber Provides Functionality and Transparency", Laser Focus World, 34 (9): S19- S24, ( September 1, 1998)					
	DW	Moeller and Burns, "1.06 $\mu$ m All-fiber Gyroscope with Noise Subtraction, Proceedings of the Conference on Optical Fiber Sensors", IEEE-OSA, Monterey, CA, 1992, pp. 82-85					
	DX	Moeller and Burns, "Observation of Thermal Noise in a Dynamically Biased Fiber-Optic Gyro", Optical Letters, 1996, Vol. 21, pp. 171-173.					
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Applicant  
Richard B. Dyott

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**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

ad	DY	Nikos Drakos, "Circular Polarization States for Light, and Quarter-Wave Plates," <i>Computer Based Learning Unit, University of Leeds</i> (March 2, 1998)
	DZ	Ono et al.; "A Small -Sized, Compact, Open-loop Fibre-Optic Gyroscope with Stabilized Scale Factor", <i>Meas. Sci. Technol.</i> 1: 1078-1083, (1990)
	EA	Polynkin et al.; "All-Optical Noise-Subtraction Scheme for a Fiber-Optic Gyroscope", <i>Optics Letters</i> , 25(3): 147-149, (February 1, 2000)
	EB	Rabelo et al.; "SNR Enhancement of Intensity Noise-Limited FOGs", <i>Journal of Lightwave Technology</i> 18(12):2146-2150 (December 2000)
	EC	Short, S. et al., "Elimination of Birefringence Induced Scale Factor Errors in the In-Line Sagnac Interferometer Current Sensor", <i>Journal of Lightwave Technology</i> 16 (10): 1844-1850 (October 1998).

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